

1 Large Prep. (Quiagen Prep.)

- inoculate E.coli in 75ml of LB with 0.1mg/ml Ampicillin in 250ml flask
- centrifuge 5,000rpm, 10min at 4 centigrade
- remove supernatant and suspend with QP1 buffer
- replace to 50ml new tube 50ml conical tube and add 5 rambda of RNase, 4ml of QP2 buffer. Then vortex
- incubate at RT for 5min.
- add 4ml of chilled QP3, vortex
- incubate 15min on ice
- centrifuge 15,000rpm, 45min at 4 centigrade. if the supernatant is still dirty, 30 more min
- while centrifuging, apply 4ml of QBT into column to wash
- pass the supernatant to column
- wash twice the column by 10ml of QC buffer
- elute the DNA with 5ml QF to new tube
- add 5ml of isoproyl alcohol
- put the solution at -20 centigrade for 15min
- centrifuge 10,000rpm for 30min at 4 centigrade
- remove supernqatant and add 2ml of 70- centrifuge 10,000 rpm for 10min at r.t
- remove supernatant
- dry up